



PEQ-1549

LEGENDS 500

PARAMETRIC EQUALIZER

**FREQUENCY RESPONSE AND PERFORMANCE
MEASUREMENT DATA**



RTZ Professional Audio, LLC
Atlanta, GA USA
<http://www.rtzaudio.com>

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PERFORMANCE DATA DISCLOSURE

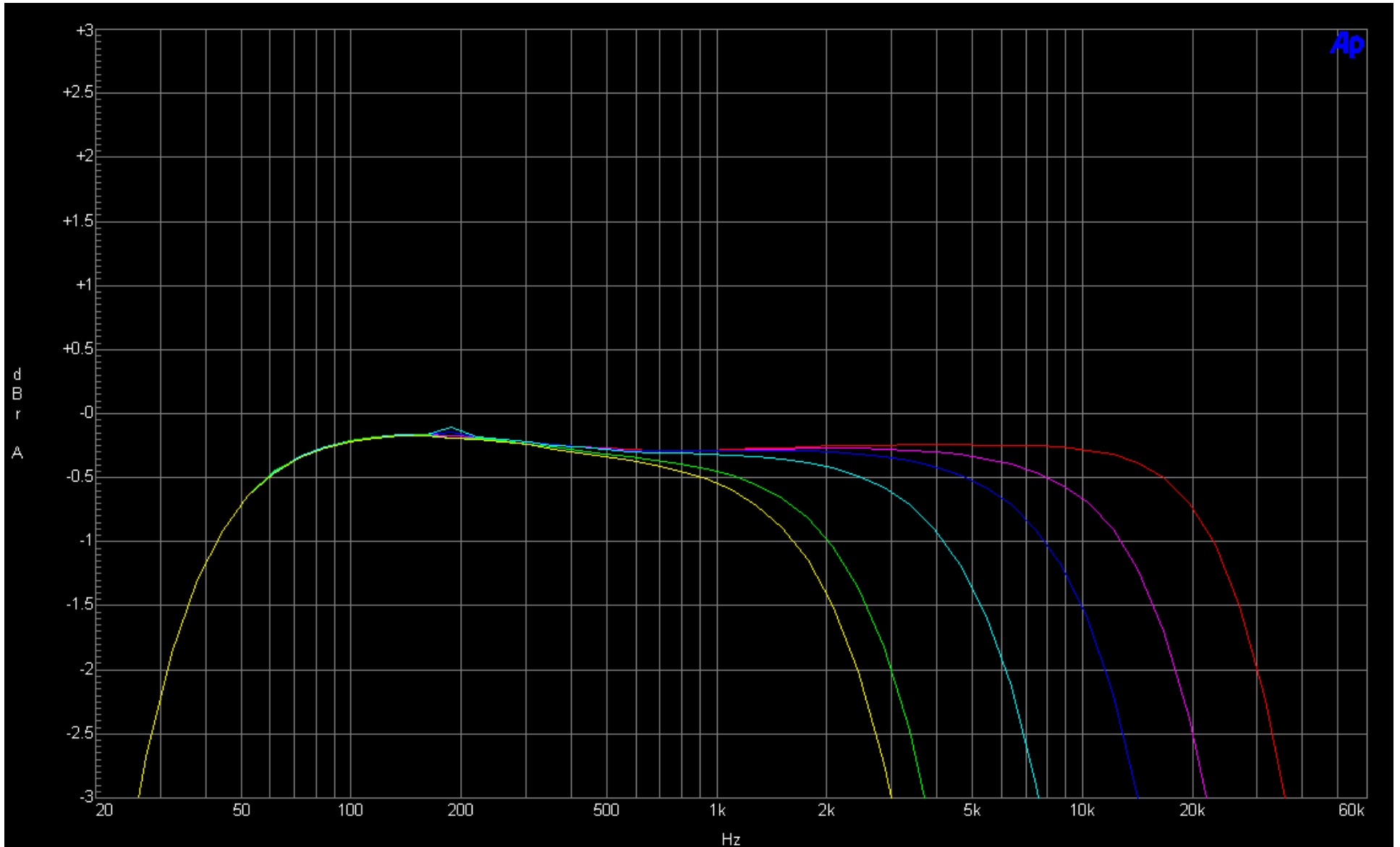
This document provides a brief summary of the PEQ-1549 equalizer frequency response as measured on an Audio Precision System II Dual Domain audio analyzer. The frequency response and plot data provided in this document are believed to be accurate and reliable. However, some of the curve plots show curve abnormalities or “ticks” that are artifacts of the measurement equipment and do not represent the actual response of the device under test.

The measurements and plots illustrated in this document are real world measurements taken from an actual PEQ-1549 production unit. Note that production unit performance will vary slightly from unit to unit due to component tolerances or other factors beyond our control. We test, calibrate and approve each unit prior to shipping to assure consistent performance from unit to unit.

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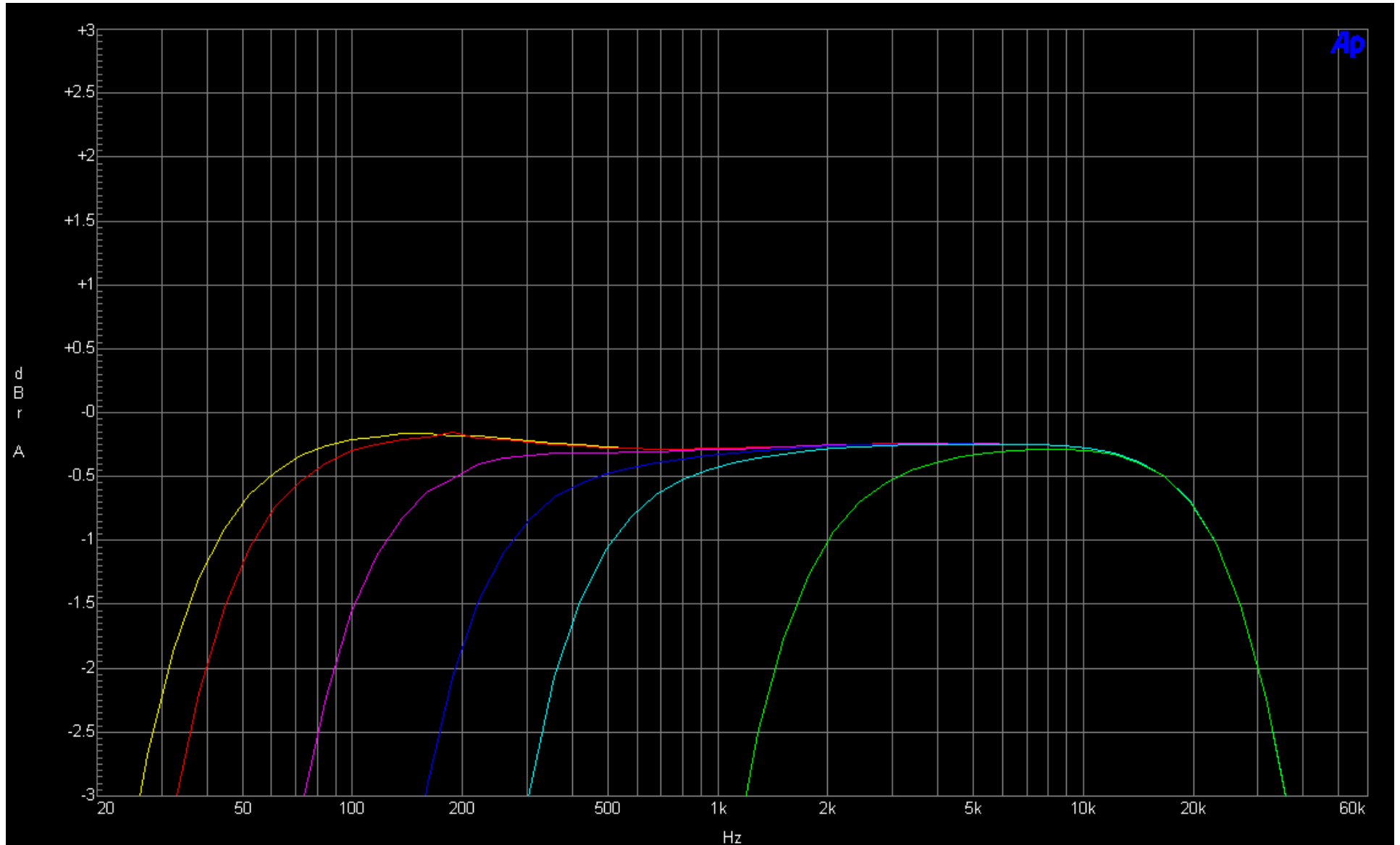
LP FILTER SWEEP

Low-pass filter frequency response at select points



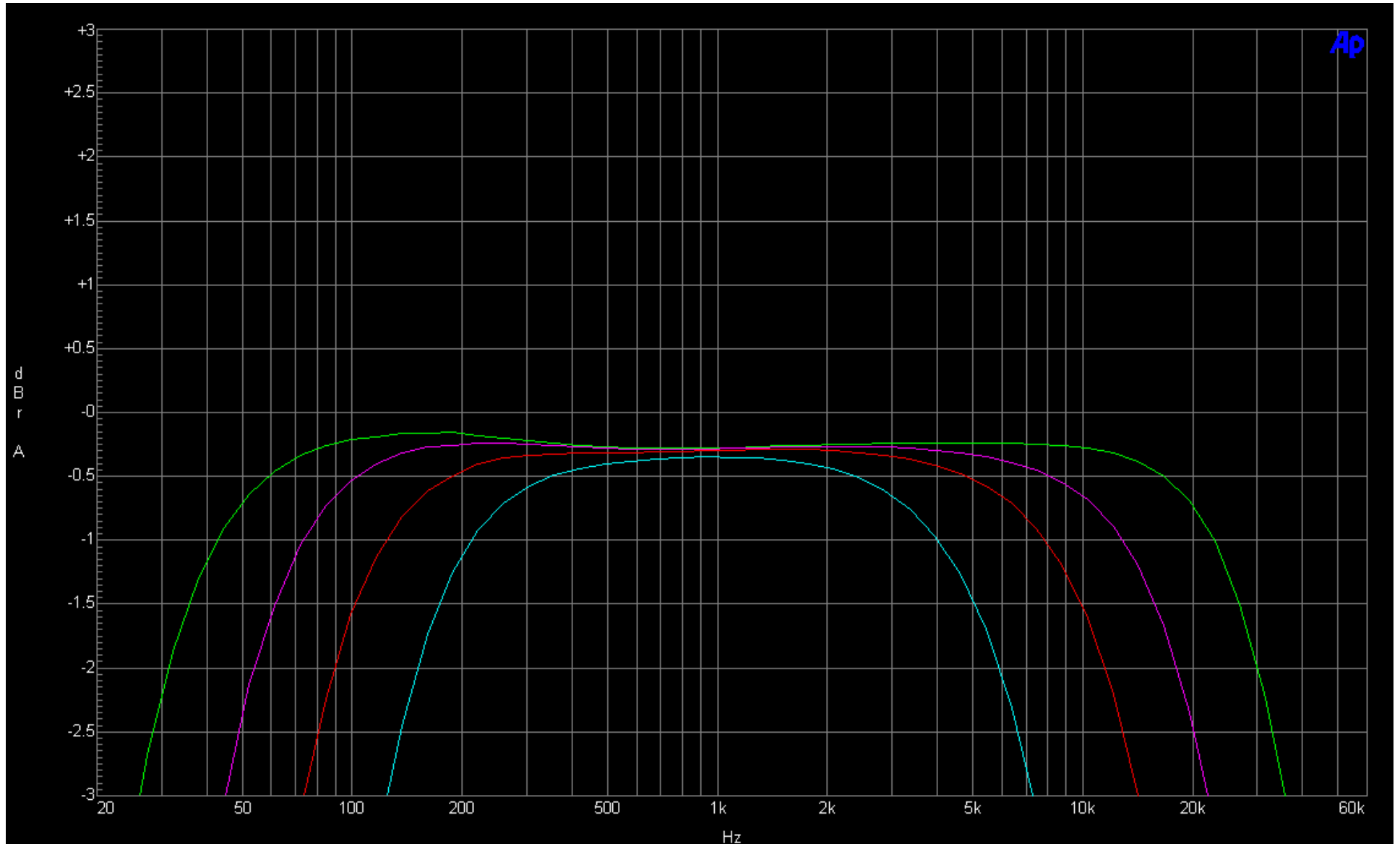
HP FILTER SWEEP

High-pass filter frequency response at select points



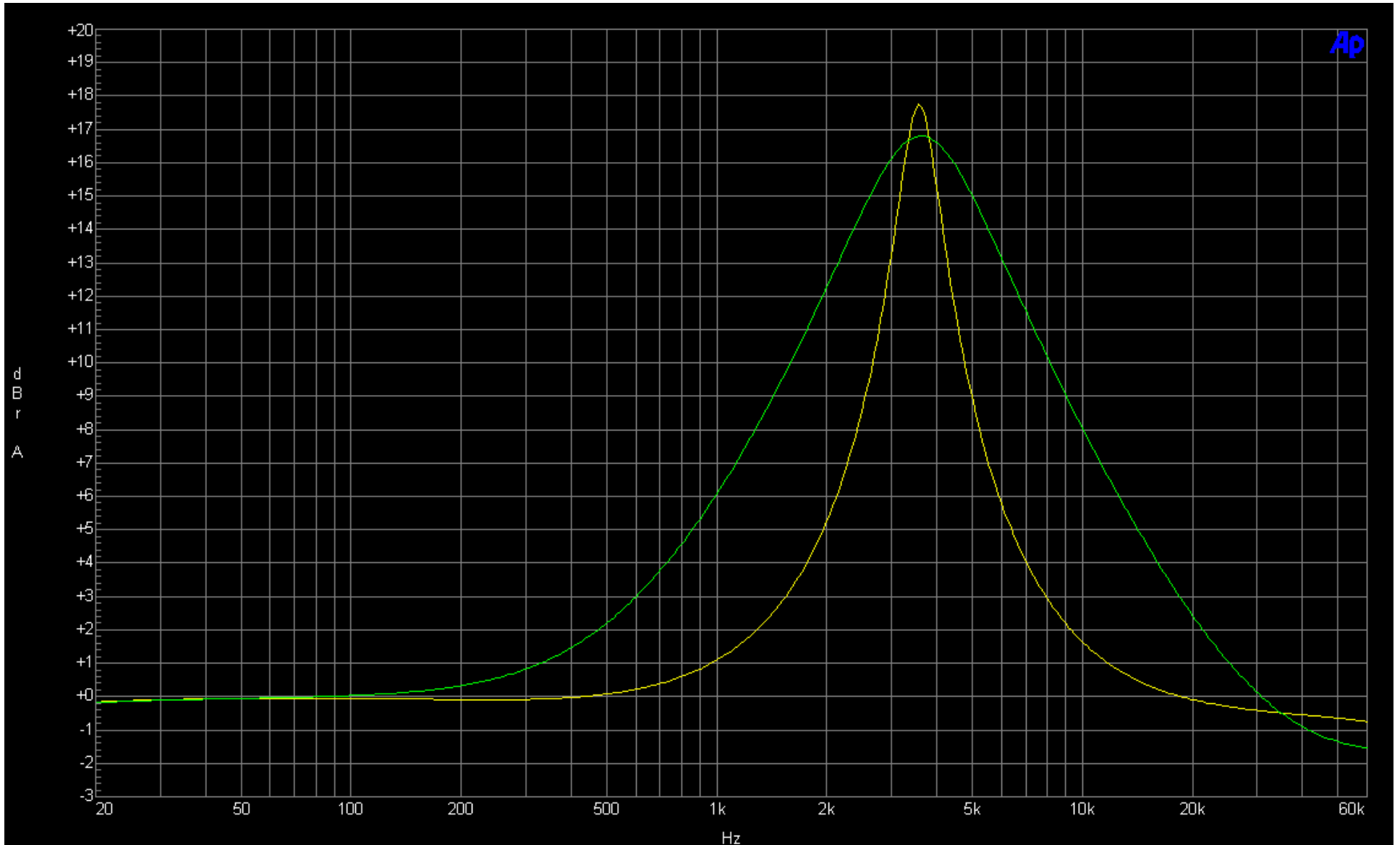
HP & LP FILTER

Combined representative of simultaneous high-pass and low-pass filter response



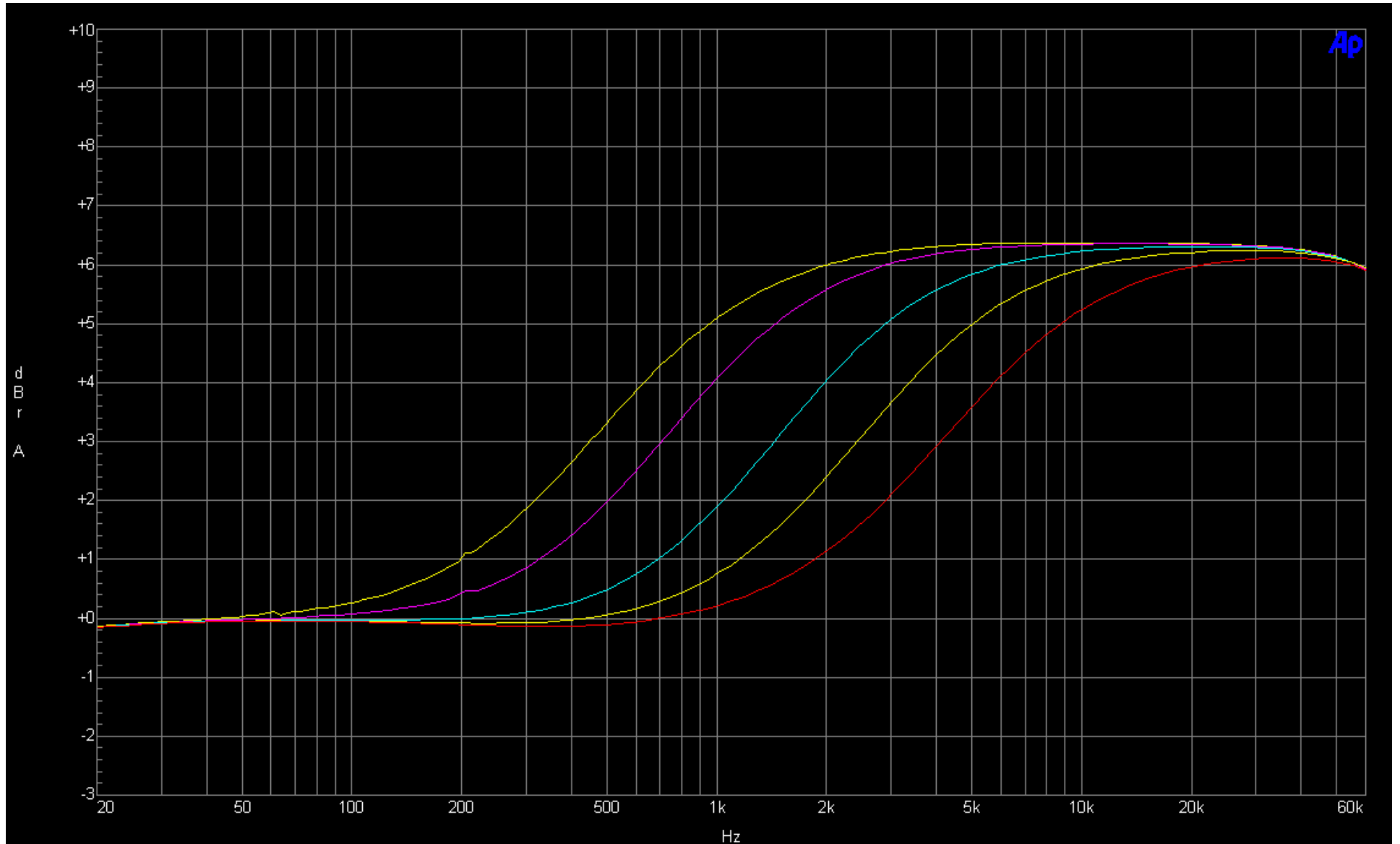
MAX BOOST WITH HI-Q AND NORMAL-Q

Maximum boost at 3.4 kHz show normal-Q and high-Q enable mode



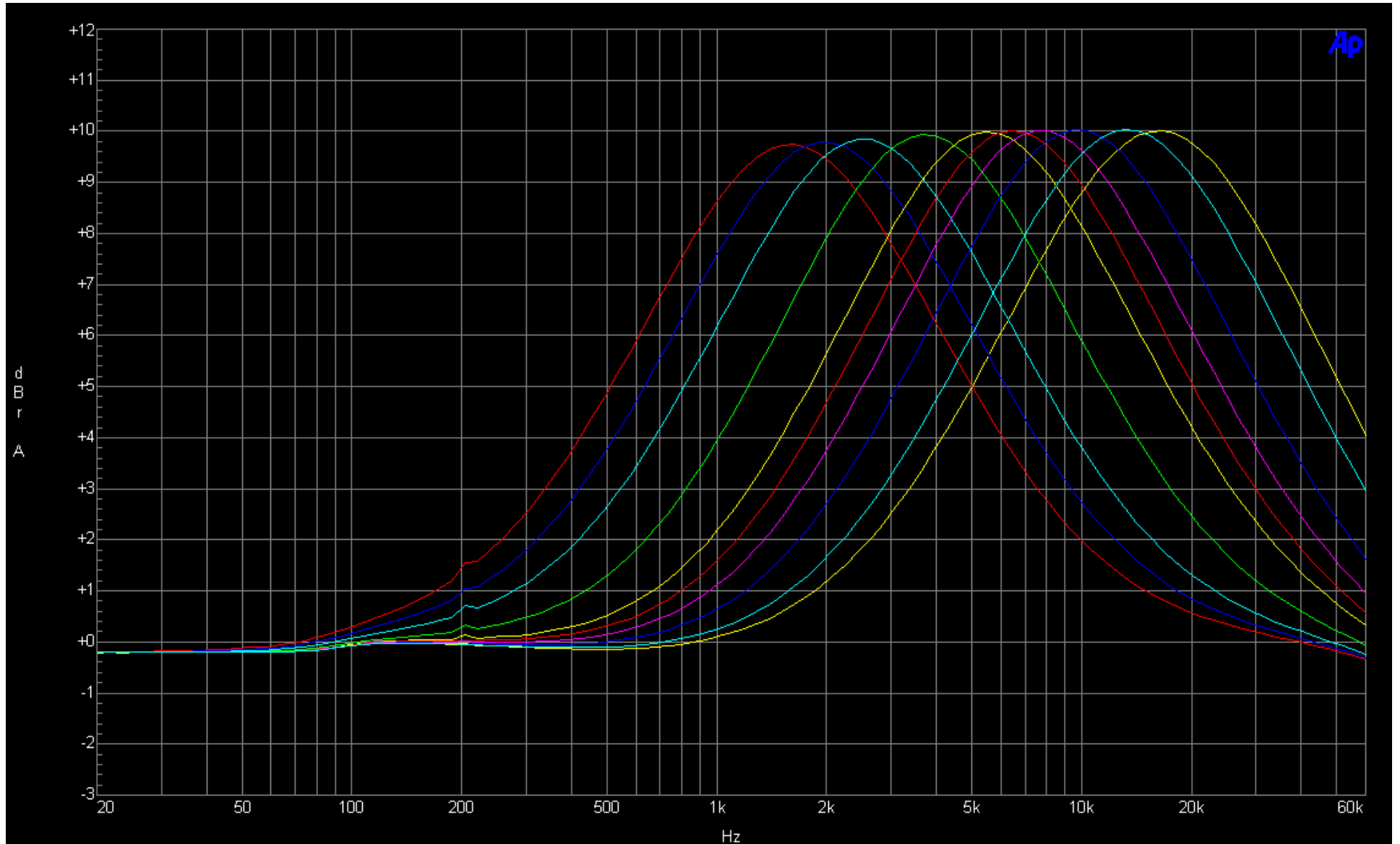
HF SHELF MODE

High frequency shelf mode response at select frequency points



HF NORMAL MODE BOOST

Normal mode high frequency response, +12dB max scales

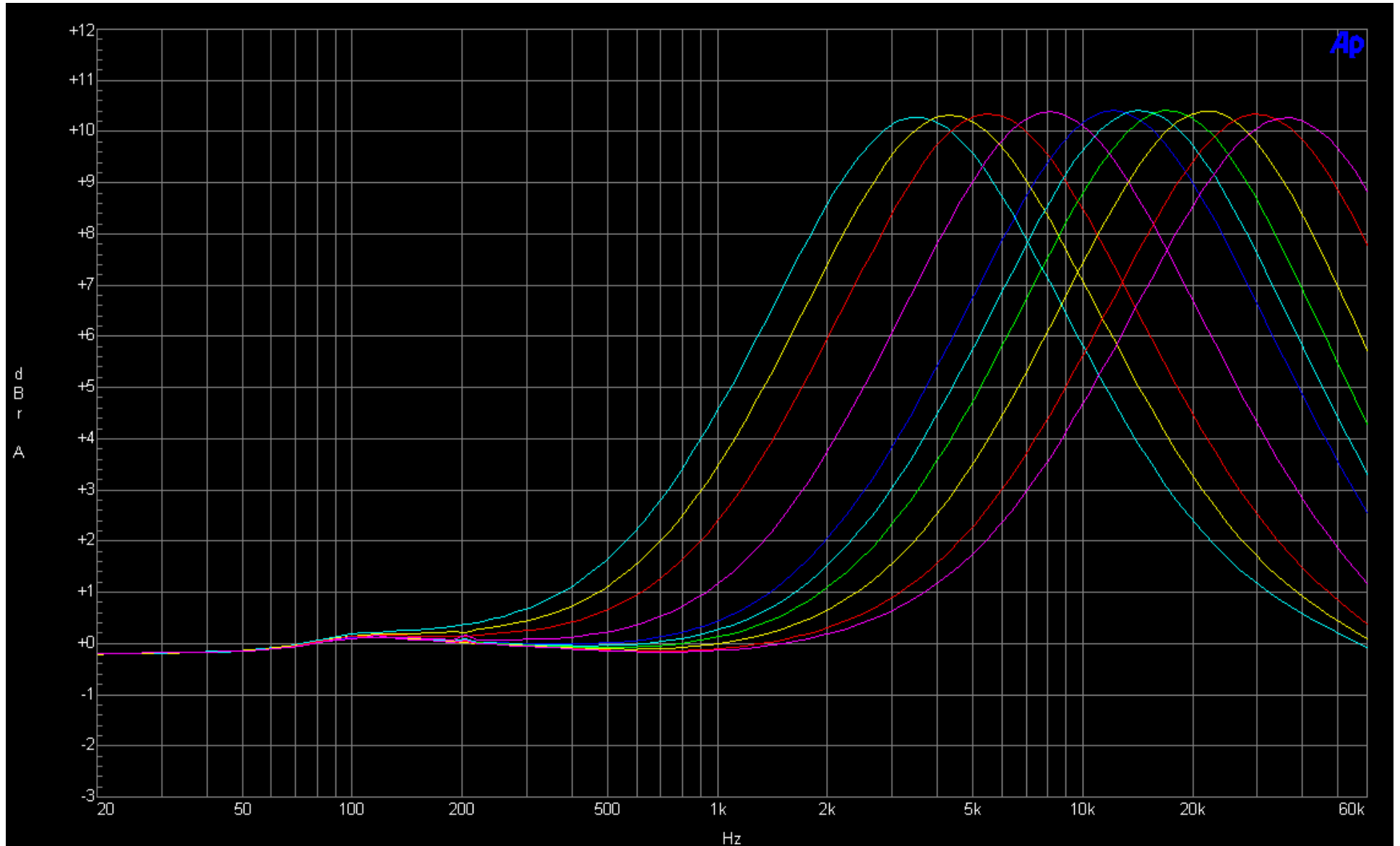


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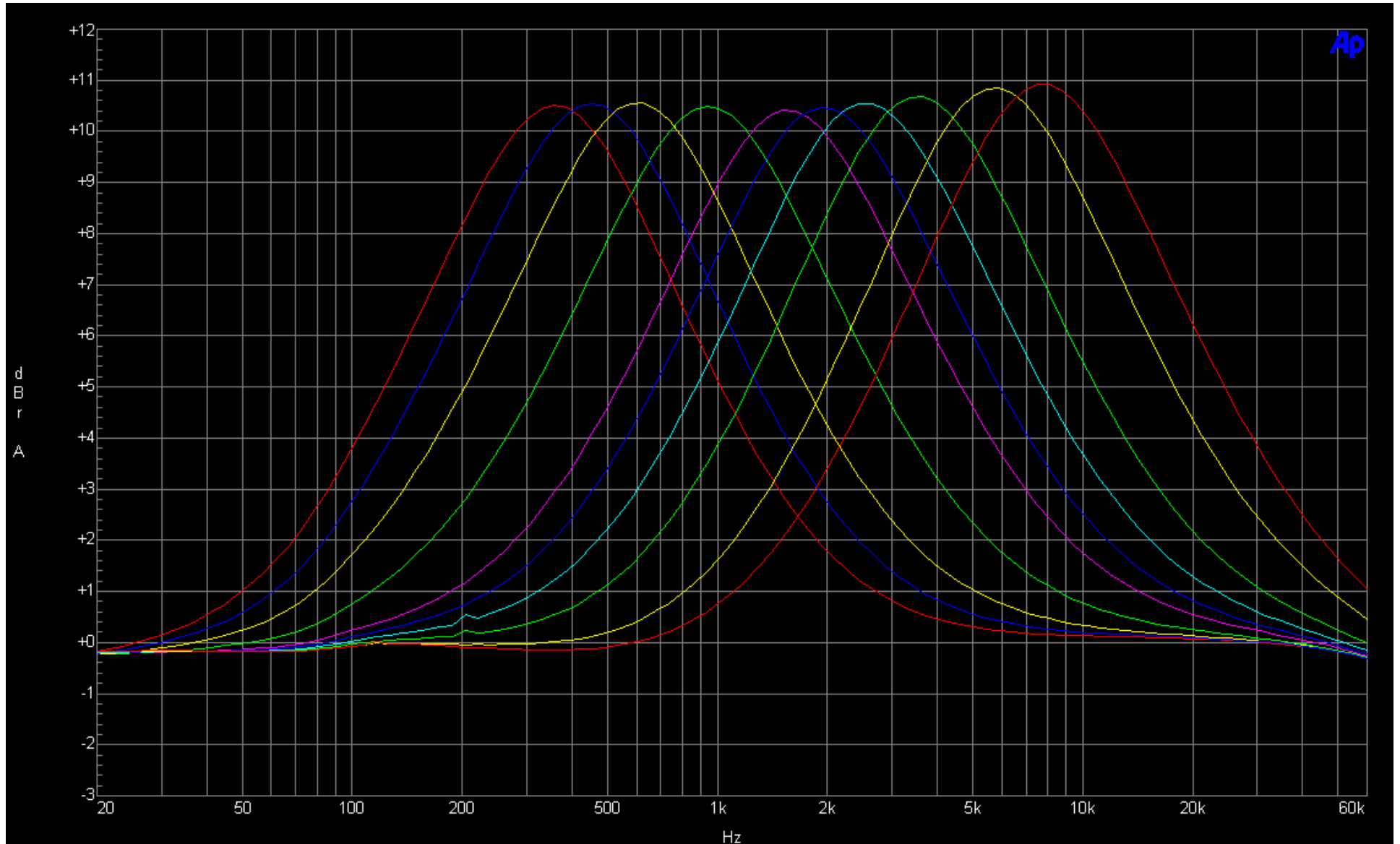
HF AIR-MODE BOOST

Air-mode high frequency response, +12dB max scales



HM NORMAL MODE

Normal mode high-mid response

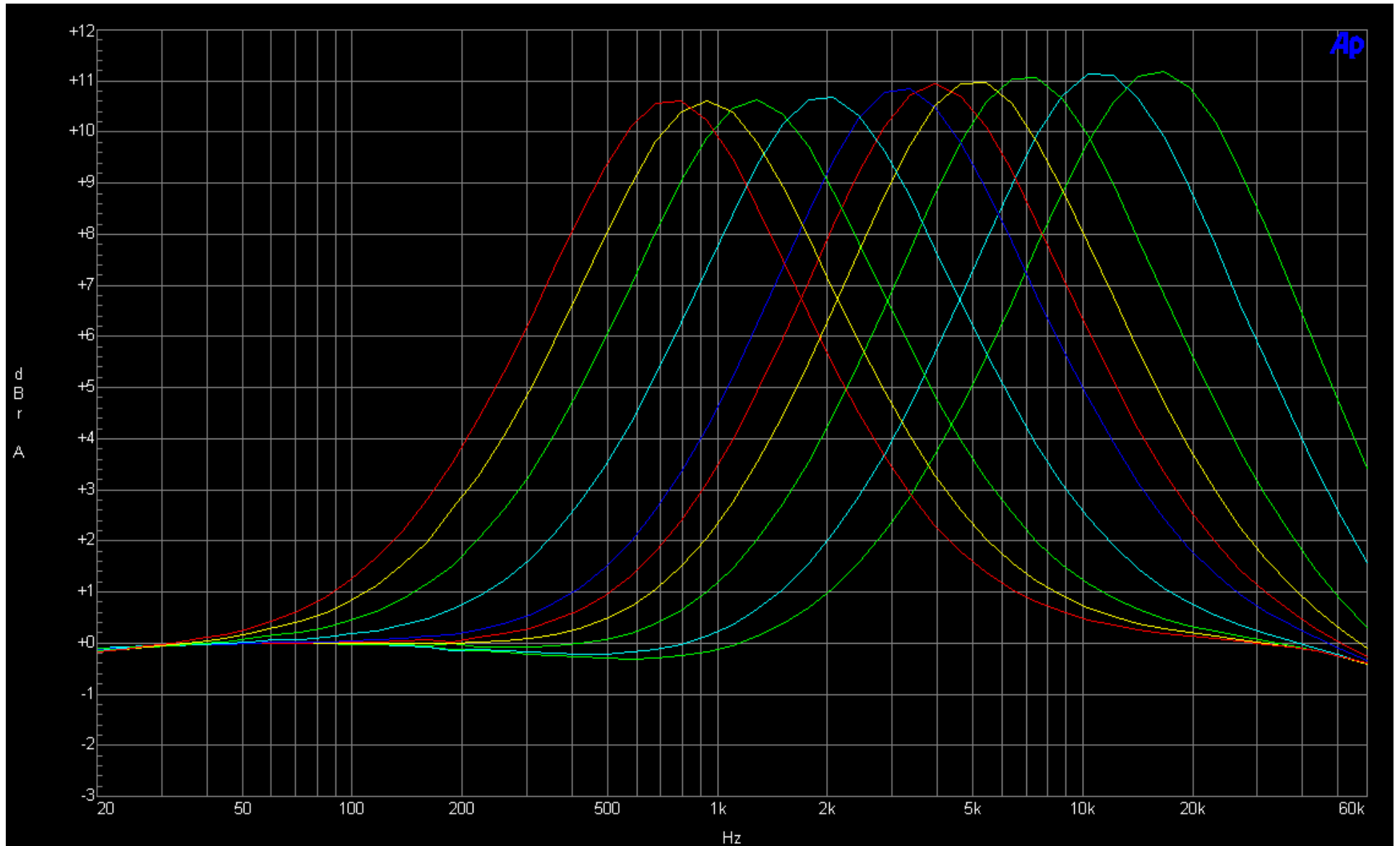


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HM 2X MODE

2X mode high mid response

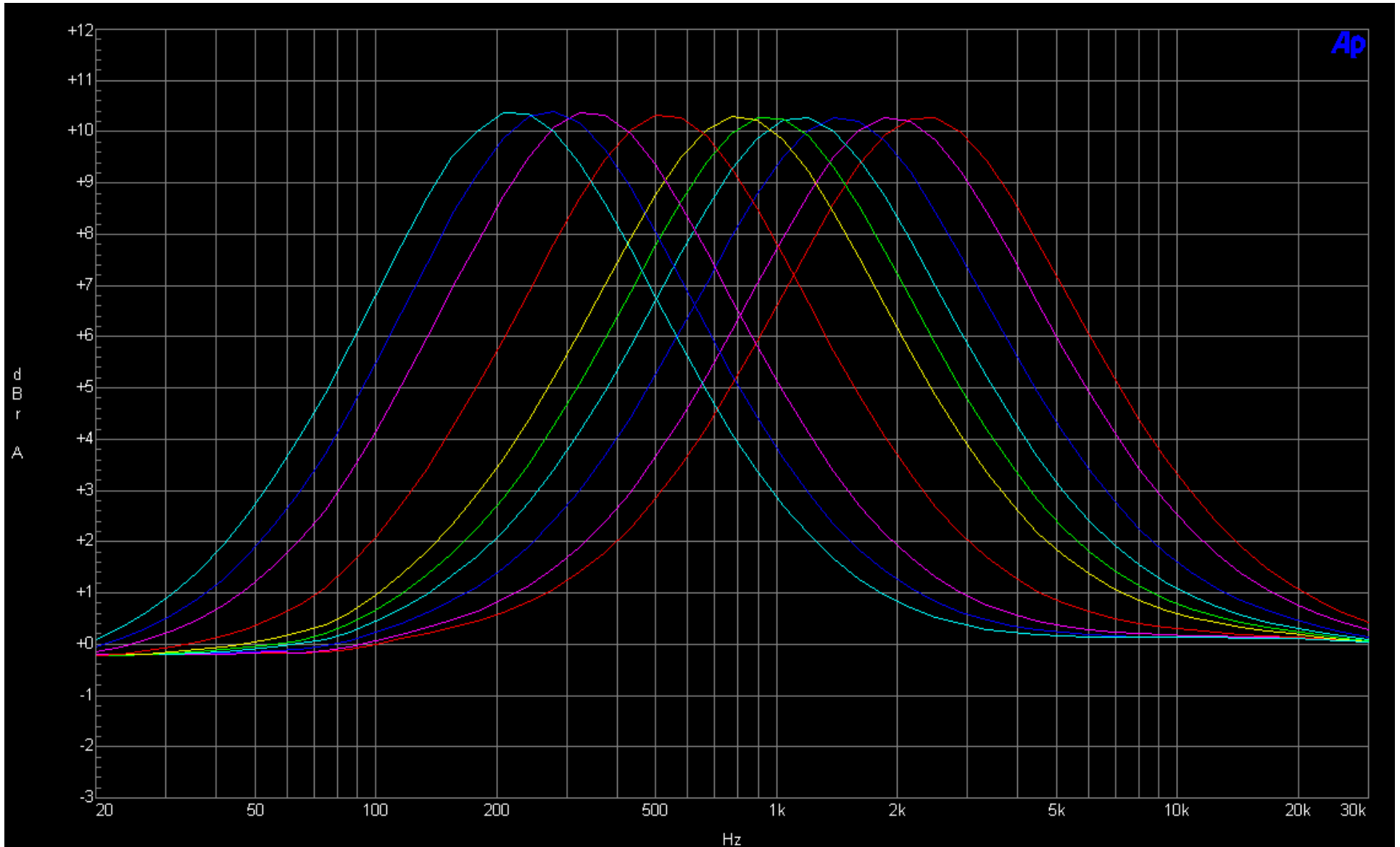


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LM SWEEP

Low-mid frequency response

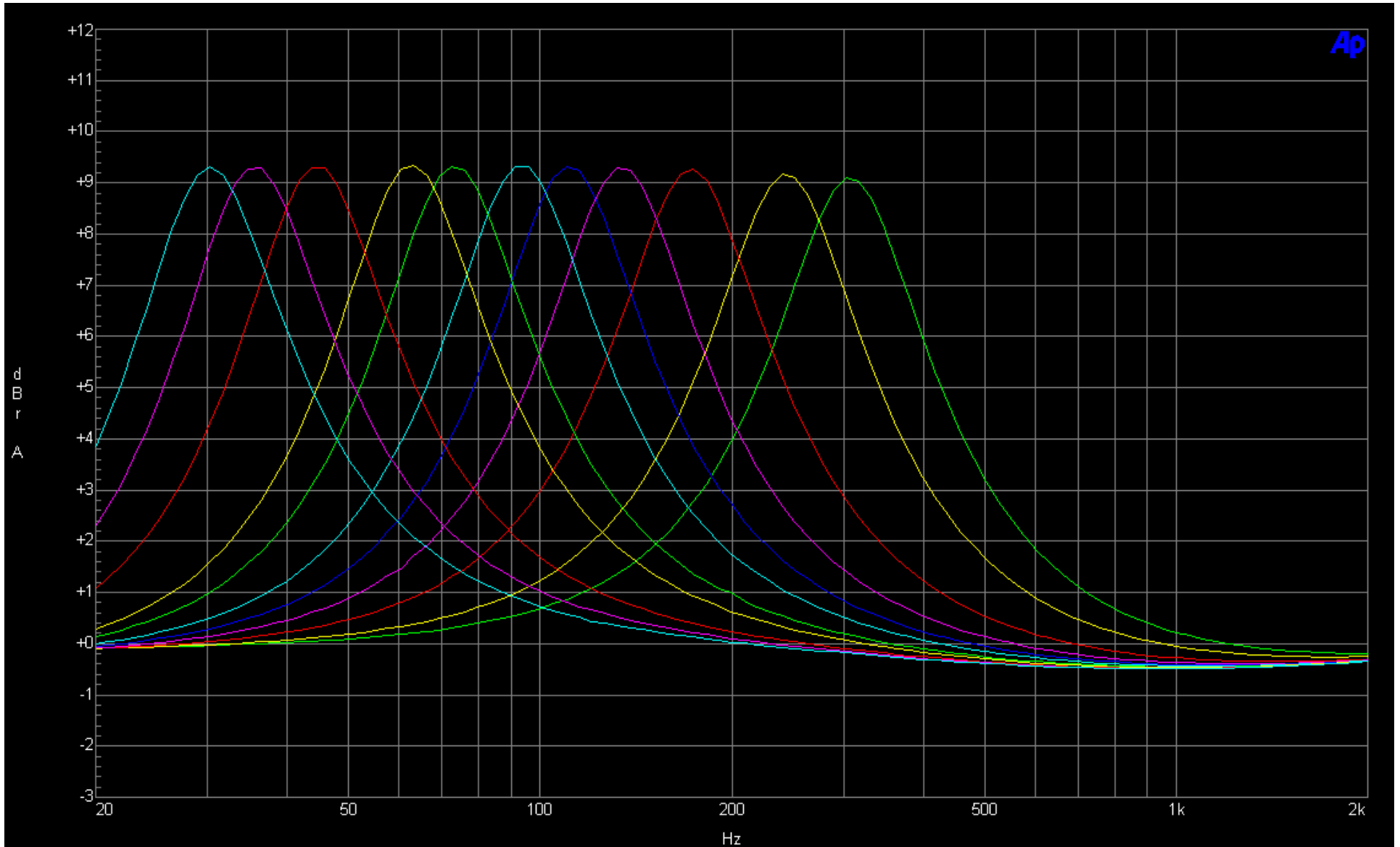


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LF SWEEP

Low frequency response



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LF SHELF MODE

Shelf mode low frequency response

